



ICMAI

THE INSTITUTE OF COST ACCOUNTANTS OF INDIA

(Statutory Body under an Act of Parliament)

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MANAGEMENT ACCOUNTING COMMITTEE

Jointly With

ICMAI – PUNE CHAPTER

Organises

One Day Foundation Programme on AI for Cost and Management Accounting

On Thursday, 22nd February, 2024

at

CMA Bhawan Pune

Sr. No. 22, Hissa No. 1+2/2B, CTS No. 323, Karve Nagar, Pune - 411052

CEP Credit
4 Hours



CMA Ashwin G. Dalwadi
President, ICMAI



CMA Bibhuti Bhushan Nayak
Vice President, ICMAI



CMA Neeraj D. Joshi
Chairman
Management Accounting Committee, ICMAI



Dr. Rahee Walambe
Associate Professor, SCAAI,
Pune



CMA Milind Date
Independent Corporate Trainer,
Pune



Mr. Nitin Bhosekar
Executive Vice President & Head AI
Aress Software & Education Technologies Ltd., Pune

Fees: ₹ 1,200/- (including GST)

Click here for registration :

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For
queries,
you may
contact

CMA Rahul Chincholkar, Chairman -
PD Committee (Pune Chapter): 9881072826
Dr. Pradipta Ganguly, Secretary -
MAC: 9163893100

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PROGRAMME SCHEDULE

From	To	Programme
09.00 am	09.30 am	Registration & High Tea
09.30 am	10.00 am	Inauguration
10.00 am	11.30 am	Technical Session 1 : Introduction to AI and ML and Applications
11.30 am	11.45 am	Tea / Coffee Break
11.45 am	01.15 pm	Technical Session 2 : Supervised Learning & Un-Supervised Learning
01.15 pm	02.00 pm	Lunch Break
02.00 pm	03.30 pm	Technical Session 3 : Discussion on Case Studies
03.30 pm	03.45 pm	Tea / Coffee Break
03.45 pm	05.00 pm	Technical Session 4 : Discussion on Case Studies

ABOUT THE PROGRAMME

This one-day training seminar is particularly focused on creating awareness and introducing the use of AI ML for cost and management accounting, finance and economics. The primary goal is to introduce the participants to the core concepts of AI ML in easy-to-understand terms and provide them with ways of incorporating AI ML in their work via providing useful and relevant case-studies.

Technical Session 1 : Introduction to AI and ML and Applications

This session will cover introduction to AI. It will give introduction to various types of Machine Learning, Participants will get introduced to concept of Data Model, Terminology pertaining to data like, Data Preparation (Cleaning / Normalization / Data partitioning/ etc.), Training, Test, Validation (How do we select data, train data, test / validate data), Model Development, Training / Retraining, Hyper-parameters Tuning, overfitting and underfitting, validation and evaluation parameters.

The Technical Session will also cover ethical concerns of use of AI, risks associated with usage of AI, strategies to mitigate these concerns – introduction of laws/regulatory aspects, guardrails for use of AI in the domain.

Technical Session 2 : Supervised Learning & Un-Supervised Learning

- **Introduction to the Concept of Supervised Learning** – Regression: Linear / Logistic, Classification: Decision Tree / Random Forest, Artificial Neural network
- **Introduction to the Concept of Unsupervised Learning** – Clustering methods, Dimensionality Reduction Techniques, Anomaly Detection, Recommendation Systems
- **General applications of AI such as NLP, CV, Chatbots etc.**
- **Basic introduction to some common tools in AI**

Technical Session 3 : Discussion on Case Studies

- Possible usage of AI in the domain of Accounting, Management Accounting, Costing, etc.
- Possible impact of AI on the decision making and role of CMAs in profession as well as Industry

Technical Session 4 : Discussion on Case Studies

- Some domain specific case studies highlighting the usage of Chatbots or Generative AI in field of Cost & Management Accounting.
- Usage of Predictive Modelling in the domain of Cost and Management Accounting

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